

CLAIM AMENDMENTS

This listing of claims replaces all prior versions and listings of claims in the application.

Listing of the Claims:

1 | 1. (Currently Amended) A method of displaying highlighted objects and
2 | associated information on a graphical user interface (GUI), comprising:

3 | a) highlighting a primary object $O(n)$ displayed on a GUI window at a
4 | selected hierarchical level (n), wherein the primary object is selected from ~~the a~~
5 | group consisting of a network node and a network link;

6 | b) identifying a highlighted object $O(n-1)$ managed by said primary object at a
7 | hierarchically next lower level ($n-1$), wherein the highlighted object is selected from
8 | ~~the a~~ group consisting of a network node, a network link, a shelf, a slot, a card, and
9 | a port;

10 | c) selecting said highlighted object $O(n-1)$ from an object storage means and
11 | placing same in a list of highlighted objects; ~~and~~

12 | d) repeating steps b) and c) for all n available hierarchical levels until all
13 | highlighted objects managed by said primary object are identified and placed in said
14 | list; and

15 | e) displaying an icon for each highlighted object wherein a color of said icon
16 | indicates a current status of a corresponding highlighted object.

1 2. (Currently Amended) The method of claim 1 further comprising the following
2 step:
3 e) displaying said list in a highlighted objects window where said highlighted
4 objects are arranged in a specified order.

1 3. (Currently Amended) The method of claim 2, wherein said specified order is
2 the a hierarchical order of said highlighted objects.

1 4. (Original) The method of claim 1, wherein said list comprises a row for each
2 highlighted object, and a plurality of columns, each column for providing a specified
3 attribute of said highlighted object.

1 5. (Currently Amended) The method of claim 4, wherein said specified
2 attributes are ~~the a~~ specification of said highlighted object and ~~the a~~ name of said
3 highlighted object.

1 6. (Original) The method of claim 2, wherein said highlighted objects window
2 displays a column for an icon visually identifying said highlighted object.

1 7. (Original) The method of claim 2, wherein said highlighted objects window
2 displays an object status column for defining the current status of said highlighted
3 object.

1 8. (Currently Amended) The method of claim 2, wherein said highlighted
2 objects window displays a count column for counting ~~the~~a number of said
3 highlighted objects in said list.

1 9. (Currently Amended) The method of claim 4, wherein said GUI selects said
2 specified order by sorting the highlighted objects in said list by any of said columns.

1 10. (Currently Amended) A computer-implemented highlighted objects window
2 system for a graphical user interface (GUI) of the type provided with highlighting
3 capabilities and adapted to transmit commands and display information with a
4 view to enable management of a communication network, said system comprising:

5 a computer-implemented computer program module for identifying all
6 highlighted objects in a highlighted hierarchy managed by a primary object
7 highlighted on said GUI; and

8 a computer-implemented computer program module for selecting only said
9 highlighted objects from an object storage means and placing said objects in a list,
10 wherein:

11 | the primary object is selected from ~~the a~~ group consisting of a network node
12 | and a network link,

13 | each highlighted object is selected from ~~the a~~ group consisting of a network
14 | node, a network link, a shelf, a slot, a card, and a port, and

15 | said GUI displays said list in a highlighted objects window where said
16 | highlighted objects are arranged in a specified order and displays an icon for each
17 | highlighted object, wherein a color of said icon indicates a current status of a
18 | corresponding highlighted object.

1 11. (Original) The system of claim 10, wherein said list comprises a row for each
2 highlighted object, and a plurality of columns, each column for providing a specific
3 attribute of said highlighted object.

1 12. (Previously Presented) The system of claim 11, wherein said GUI selects said
2 specified order by sorting said list by any of said columns.

1 13. (Currently Amended) The system of claim 12, wherein said list includes a
2 column for an icon visually identifying said highlighted object, a column with ~~the a~~
3 specification of said highlighted object and a column with ~~the a~~ name of said
4 highlighted object.

1 14. (Original) The system of claim 13, wherein said list further comprises an
2 object status column for defining the current status of said highlighted objects.

1 15. (Original) The system of claim 13, wherein said list further comprises a count
2 column for counting the number of said highlighted objects in said list.

1 16. (Currently Amended) The system of claim 10, wherein said object storage
2 computer program module comprises an object library for maintaining data
3 pertinent to all highlighted objects present at a respective network node.

1 17. (Previously Presented) The system of claim 10, wherein said object storage
2 computer program module comprises a connectivity database for maintaining
3 routing data pertinent to all routes currently involving a respective network node.

1 18. (Original) The system of claim 10, wherein said highlighted objects window
2 comprises a refresh button for updating said list.

1 19. (Currently Amended) A method of using a graphical user interface (GUI) of
2 the type provided with highlighting capabilities and adapted to transmit commands
3 and display information with a view to enable management of a communication
4 network, comprising:

5 highlighting an original object on a GUI window displaying managed objects
6 at a selected hierarchical ~~hierarchically~~ level, wherein the original object is selected
7 from ~~the a~~ group consisting of a network node and a network link;

8 identifying all highlighted objects managed by said original object in all
9 hierarchical levels subtended from said selected hierarchical ~~hierarchically~~ level,
10 wherein each highlighted object is selected from a group ~~the group~~ consisting of a
11 network node, a network link, a shelf, a slot, a card, and a port;

12 selecting all said highlighted objects from an object storage means and
13 placing same in a list in a specified order; ~~and~~

14 displaying said list as a highlighted objects window for providing an
15 automatic way to obtain information on a hierarchical chain of objects in said
16 network; and

17 displaying an icon for each highlighted object, wherein a color of said icon
18 indicates a current status of a corresponding highlighted object.

1 20. (Currently Amended) The method of claim 19, wherein said specified order is
2 the a hierarchical order of the objects.